

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123748

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2977

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB150286BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	01/20/2023	12:30
2	O1159-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	01/20/2023	12:33
3	O1159-02DUP		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	01/20/2023	12:35
4	O1159-05		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	01/20/2023	12:38
5	O1172-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	01/20/2023	12:40
6	O1180-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	01/20/2023	12:43
7	O1214-03		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	01/20/2023	12:46
8	O1214-06		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	01/20/2023	12:49
9	O1214-09		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	01/20/2023	12:52
10	O1214-12		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	01/20/2023	12:55
11	O1214-15		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	01/20/2023	12:58
12	O1217-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	01/20/2023	13:00

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
13	O1217-15		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	01/20/2023	13:03
14	O1220-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	01/20/2023	13:06
15	O1220-05		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	01/20/2023	13:09
16	O1232-03		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	01/20/2023	13:11
17	O1233-10		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	01/20/2023	13:14
18	O1237-04		1	5.08	50	2.00	0.00	1.84	1.84	0.16	0.08	6.30	01/20/2023	13:17
19	O1238-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	01/20/2023	13:20
20	O1239-02		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	01/20/2023	13:23

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume